

Title (en)
UPHOLSTERY MATERIAL FOR SEAT AND SEAT INCLUDING SAME

Title (de)
POLSTERMATERIAL FÜR EINEN SITZ UND SITZ DAMIT

Title (fr)
MATÉRIAU DE REMBOURRAGE DE SIÈGE ET SIÈGE LE COMPRENANT

Publication
EP 4350061 A4 20240605 (EN)

Application
EP 22816058 A 20220530

Priority

- JP 2021092305 A 20210601
- JP 2022021966 W 20220530

Abstract (en)
[origin: WO2022255311A1] Provided is an upholstery material for a seat for vehicles, furniture, etc., wherein the material has excellent designability due to having concave deformed parts, and at the same time can suppress the occurrence of fluffing even if the surface is rubbed by hard protrusions such as hooks of hook-and-loop fasteners, and has excellent cushioning due to suppressing sideways falling. The upholstery material for a seat according to the present invention is constituted of a three-dimensional knitted fabric comprising a two-layered knitted fabric having a surface layer and a back layer, and a connecting thread that connects the layers of the two-layered knitted fabric, and the upholstery material is characterized in that the three-dimensional knitted fabric has concave deformed parts on the surface-layer side, and a parameter A, calculated by the formula: parameter A = course density (course/2.54 cm) × concave part thickness (mm) / fabric thickness (mm), is 6–36 (inclusive).

IPC 8 full level
D04B 21/14 (2006.01); **A47C 31/00** (2006.01); **A47C 31/02** (2006.01); **B60N 2/58** (2006.01); **D04B 21/16** (2006.01)

CPC (source: EP KR)
A47C 31/02 (2013.01 - KR); **B60N 2/58** (2013.01 - EP KR); **B60N 2/5891** (2013.01 - EP); **D04B 21/06** (2013.01 - EP); **D04B 21/10** (2013.01 - KR); **D04B 21/14** (2013.01 - KR); **D04B 21/16** (2013.01 - EP); **D04B 21/20** (2013.01 - KR); **D10B 2403/0211** (2013.01 - EP); **D10B 2505/08** (2013.01 - EP)

Citation (search report)

- [X1] JP 2019072867 A 20190516 - TOYOTA BOSHOKU CORP
- [X1] US 2020338853 A1 20201029 - MUELLER STEFAN [DE], et al
- [I] JP 6345833 B2 20180620
- See also references of WO 2022255311A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4350061 A1 20240410; **EP 4350061 A4 20240605**; CN 117062947 A 20231114; JP WO2022255311 A1 20221208; KR 20230164179 A 20231201; MX 2023014236 A 20240116; WO 2022255311 A1 20221208

DOCDB simple family (application)
EP 22816058 A 20220530; CN 202280024903 A 20220530; JP 2022021966 W 20220530; JP 2023525824 A 20220530; KR 20237038054 A 20220530; MX 2023014236 A 20220530